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PTO/SB721 (08-00)

Approved for use through 10/31/2002. OBM 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/618,129
Filing Date	17 July 2000
First Named Inventor	WANG, Xiao Bing
Group Art Unit	1637
Examiner Name	SPIEGLER, Alexander
Attorney Docket Number	TRIM1

TECH CENTER 1600/2000

JUN 05 2003

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ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached = check # 314838 for \$180.00 <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Substitute Form PTO-1449; Copies of Cited References
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Charles Vorndran Reg. No.: 45,315
Signature	<i>Charles Vorndran</i>
Date	May 28, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date: ~~05-27-03~~ 05-28-03

Typed or printed name	Kita L Hall		
Signature	<i>Kita L Hall</i>	Date	May 28, 2003

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2003

Patent fees are subject to annual revision

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number 09/618,129
Filing Date 17 July 2000
First Named Inventor WANG, Xiao Bing
Examiner Name SPIEGLER, Alexander
Group Art Unit 1637
Attorney Docket No. TRIM1

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☐ Deposit Account:

Deposit
Account
Number

20-1507

Deposit
Account
Name

TROUTMAN SANDERS LLP

The Commissioner is authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid

Total Claims - 20** = X =
Independent Claims - 3** = X =
Multiple Dependent =

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR after Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	400	2252	200	Extension for reply within second month	
1253	920	2253	460	Extension for reply within third month	
1254	1440	2254	720	Extension for reply within fourth month	
1255	1960	2255	980	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	\$ 180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

SUBMITTED BY

Name (Print/Type)	Charles Vorndran	Registration. No. (Attorney/Agent)	45,315	Telephone	(404) 885-3561
Signature	Charles Vorndran	Date	May 28, 2003		

WARNING: Information of this may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENTS
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
WANG, Xiao Bing et al.

Serial No.: 09/618,129

Filed: 17 July 2000

For: DETECTION OF SEQUENCE
VARIATION OF NUCLEIC ACID
BY SHIFTED TERMINATION
ANALYSIS

Group Art Unit: 1637

Examiner: SPIEGLER, A.

Atty. Docket No. TRIM1

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JUN 05 2003

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on May 28, 2003.

Typed or printed name of person signing this certificate

Kita L. Hall
Signature *Kita L. Hall*

**TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT (IDS) AND COPIES OF IDS CITATIONS UNDER 37 C.F.R. 1.97(c)**

May 28, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty under 37 C.F.R. § 1.56 to disclose to the United States Patent and Trademark Office any information that may be material to the patentability of the above-identified invention, Applicants hereby disclose the references listed on the attached Form PTO-1449 for the above-identified patent application along with copies of each listed

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180.00 OP

reference. An English translation of reference B1 (RU 97117182) is also included pursuant to M.P.E.P. 609 III A (3).

References B2-B5 were originally submitted in an Information Disclosure Statement on September 6, 2001. The dates originally listed for each reference on PTO Form 1449 corresponded to the filing dates of each reference. Accordingly, Applicants are re-submitting the references and have listed the publication dates, rather than the filing dates.

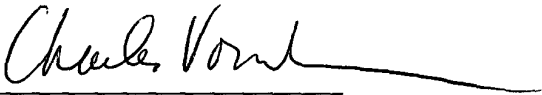
Reference B6 was originally submitted in a Supplemental Information Disclosure Statement on April 22, 2003. The page number listed for the reference on PTO Form 1449 only included the first page of the reference. Accordingly, Applicants are re-submitting the reference and have listed all of the pages of the reference.

The submission of these references shall not serve as an indication that a search has been conducted on the claimed subject matter, nor shall the submission be deemed an admission that these references are, or are considered to be, material to the patentability of the above-identified patent application.

Applicants have enclosed check # 314838 in the amount of \$180.00 to cover the fee under 37 C.F.R. § 1.97 (c) and 37 C.F.R. § 1.17 (p). No other fee is deemed due in connection with filing this Supplemental Information Disclosure Statement, however, if a fee is deemed to be due the Commissioner is hereby authorized to charge such fee to Deposit Account No. 20-1507.

Respectfully submitted,

TROUTMAN SANDERS LLP

By: 
Charles Vorndran
Reg. No. 45,315

Troutman Sanders LLP
Bank of America Plaza, Suite 5200
600 Peachtree Street, N.E.
Atlanta, Georgia 30308-2216
Tel. No.: (404) 885-3813
Fax No.: (404) 962-6866

PIPE SCB
 JUN 02 2003
 PATENT & TRADEMARK OFFICE

Complete If Known

(use as many sheets as necessary)

Sheet	1	of	2
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Application Number	09/618,129
Filing Date	17 July 2000
First Named Inventor	WANG, Xiao Bing
Group Art Unit	1637
Examiner Name	SPIEGLER, Alexander
Attorney Docket Number	TRIM1

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JUN 6 2005

[illegible][illegible]Date
Considered

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/618,129
				Filing Date	17 July 2000
				First Named Inventor	WANG, Xiao Bing
				Group Art Unit	1637
				Examiner Name	SPIEGLER, Alexander
				Attorney Docket Number	TRIM1
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitted the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestion for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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